

PATLITE

■ WME-A / 80mm Profile

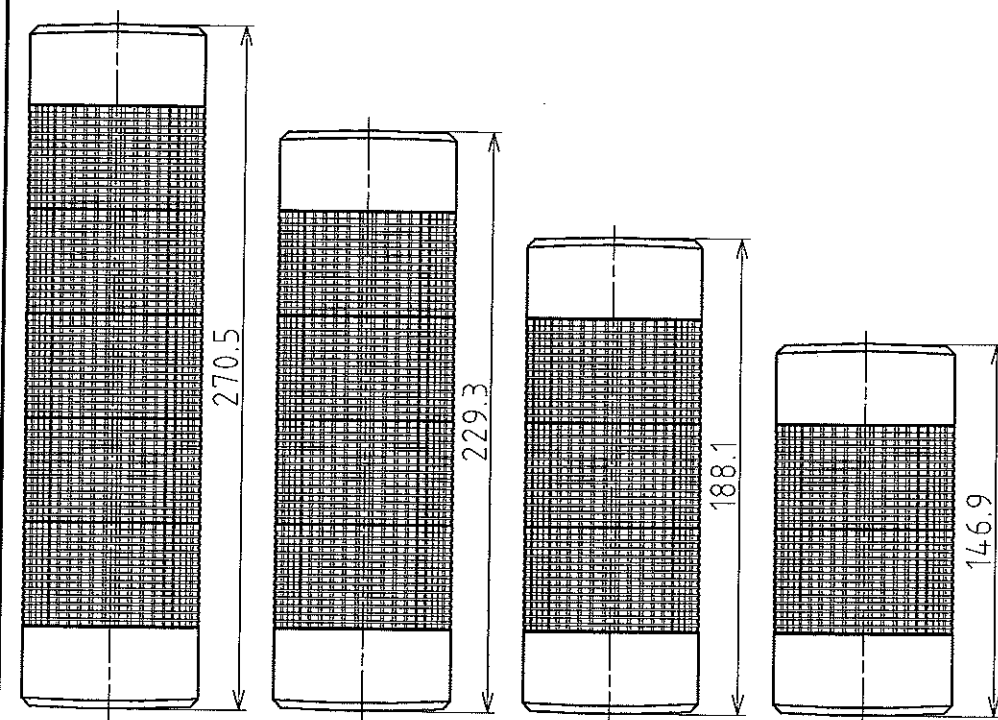


The WME-A Wall-Mount Series solves your space problems! This LED-based model is designed for easy mounting to save you both time and money.

SIZE:	80mm profile
INPUT VOLTAGE	- AC/DC24V
OPTIONS:	- AC90-250V
FUNCTIONS	- Continuous only
AVAILABLE:	- Continuous, Flashing, Alarms
MOUNTING OPTIONS	- Pre-assembled, pre-wired - Interchangeable and stackable after purchase - When changing the number of stacks in the field, new shaft, backplate and module(s) must be purchased
BODY STYLE:	Wall mount only: includes mounting bracket
BODY COLOR:	Beige
TIERS:	2, 3, 4 or 5 stack versions available
MODULE COLORS:	Red / Amber / Green / Blue / Clear
ALARMS (FB STYLE ONLY):	- Alarm 1: selectable, single-tone, intermittent (fast beep) alarm, 90dB (at 1m) - Alarm 2: selectable, single tone, intermittent (slow beep) alarm, 90dB (at 1m)
RATINGS:	- CE - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	IP-54
CONTROL OPTIONS:	- Dry contact closure such as switches or relay contacts - Open-collector transistor (NPN or PNP for DC24V, NPN for AC90-250V) - Direct voltage control for DC24V, continuous and alarm functions only

PART NUMBER GUIDE

Top to Bottom →				
W M E - 5 0 2 A F B - R Y G B C				
1. Series				5. Lens Color
WME, 80mm profile				R : Red
2. No. of Modules Stacked				Y : Yellow
2 to 5				G : Green
3. Rated Voltage				B : Blue
02 : AC/DC24V				C : Clear
M2 : AC90~250V				
			4. Functions	
			Blank : Continuous	
			FB : Cont./Flashing w/ Alarms	



Model No. configuration

WME - 02A -

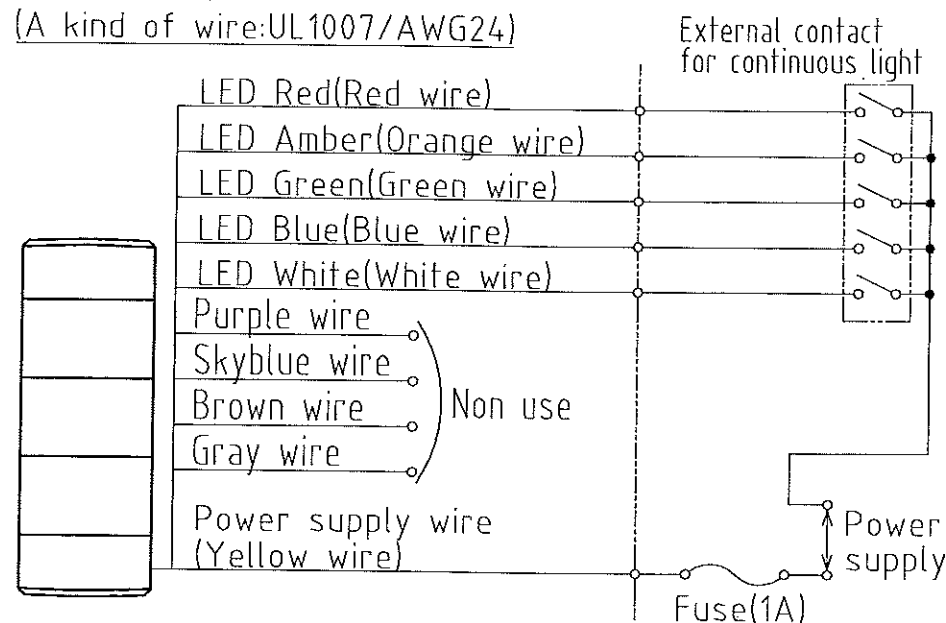
Light style
1:1 Light
2:2 Lights
3:3 Lights
4:4 Lights
5:5 Lights

Rated voltage
02:24V AC/DC

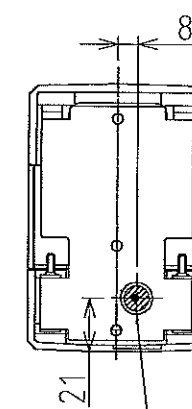
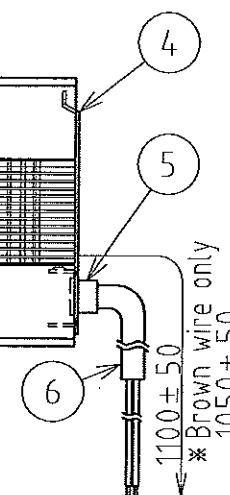
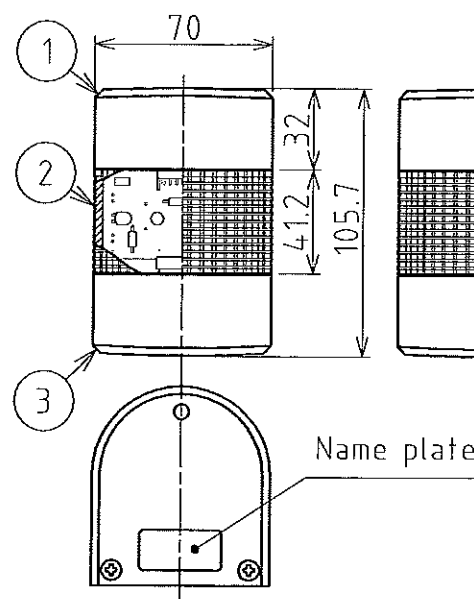
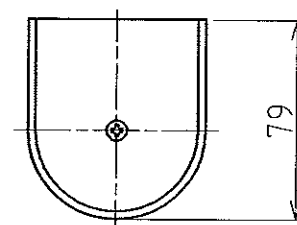
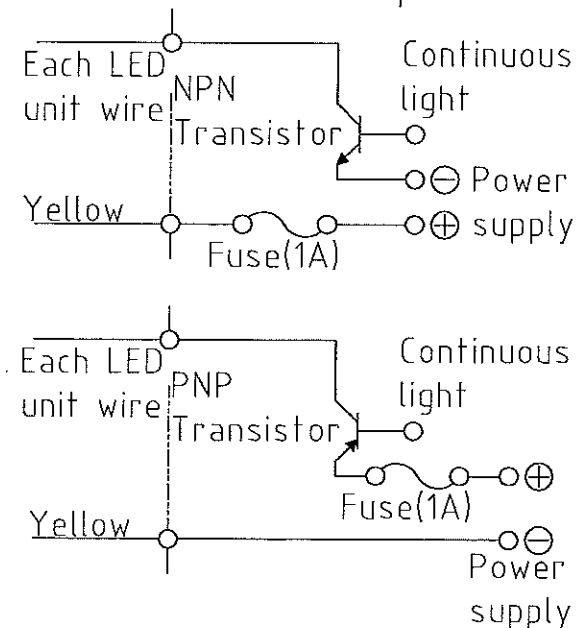
LED unit color
(R:Red/Y:Amber/G:Green/B:Blue/C:White)
* Lens color top to base as layers

Wiring example

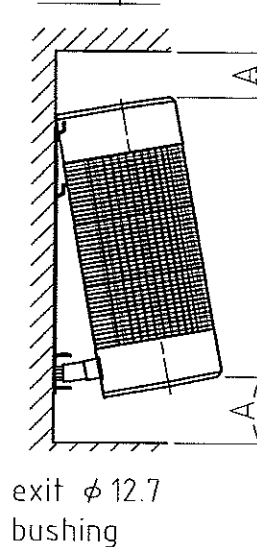
(A kind of wire:UL1007/AWG24)



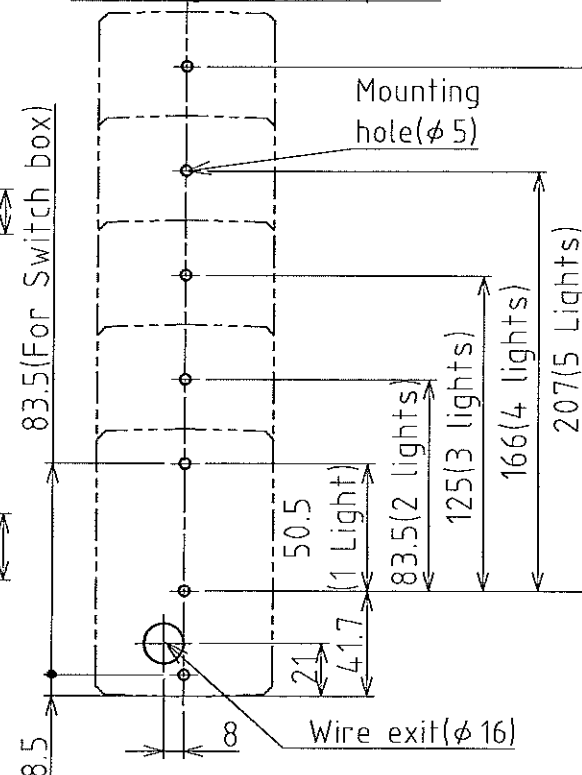
Transistor drive example



Mounting example



Mounting hole template



Note

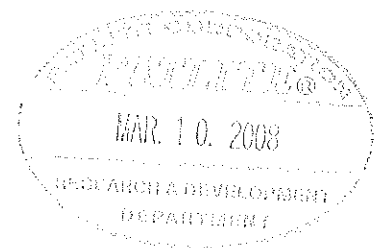
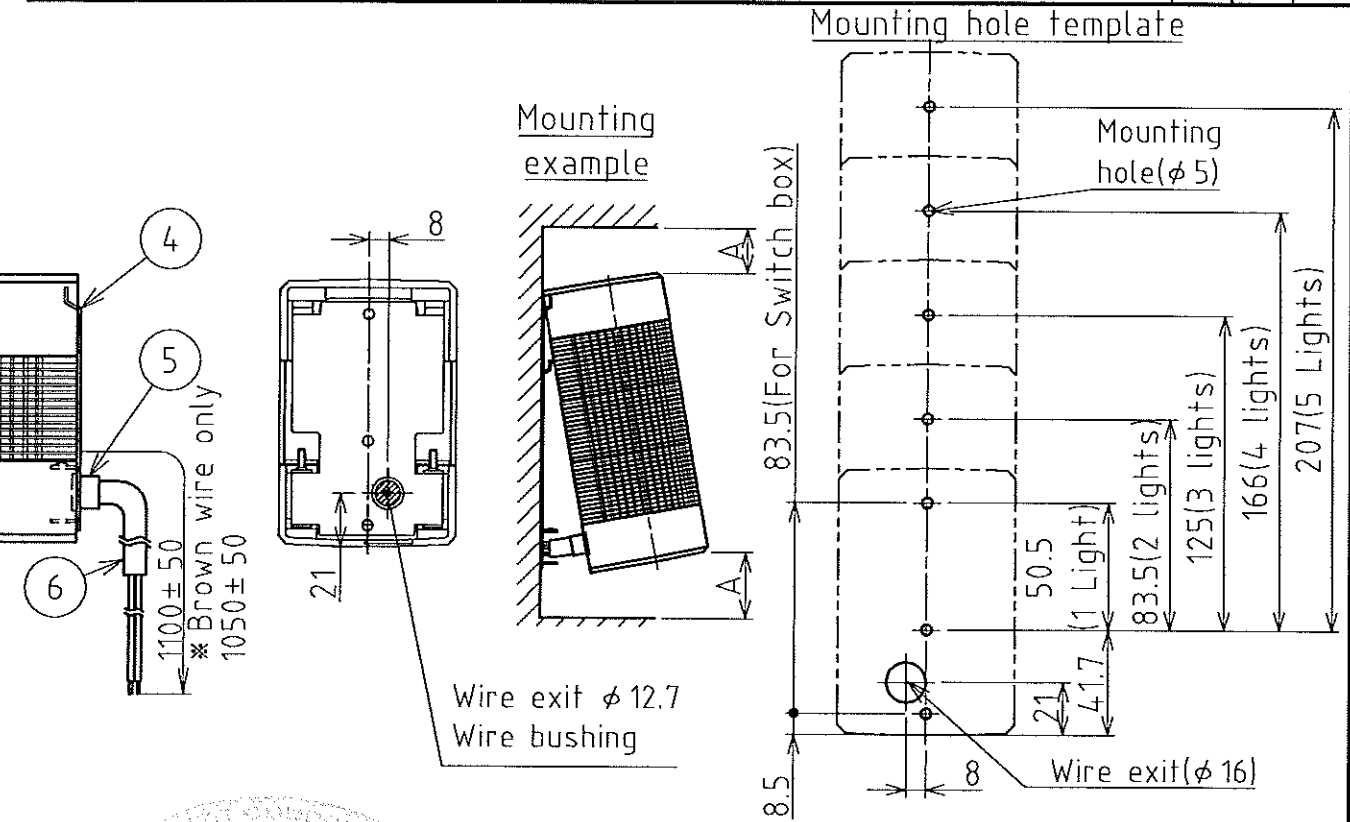
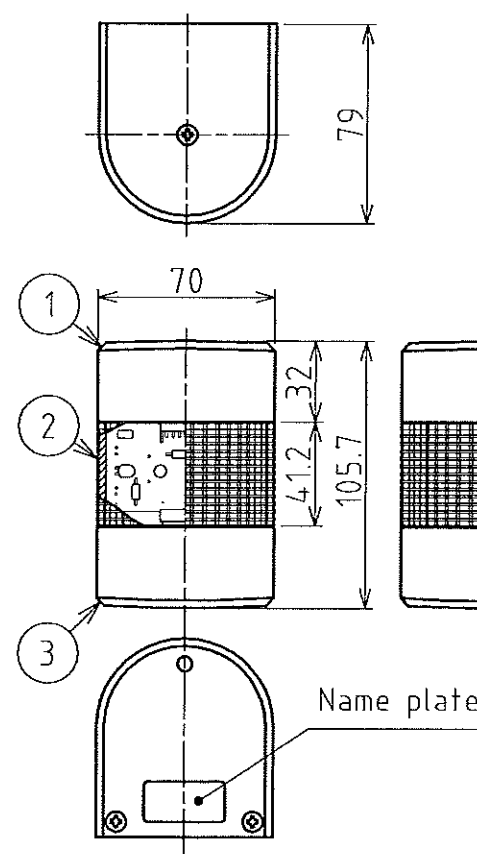
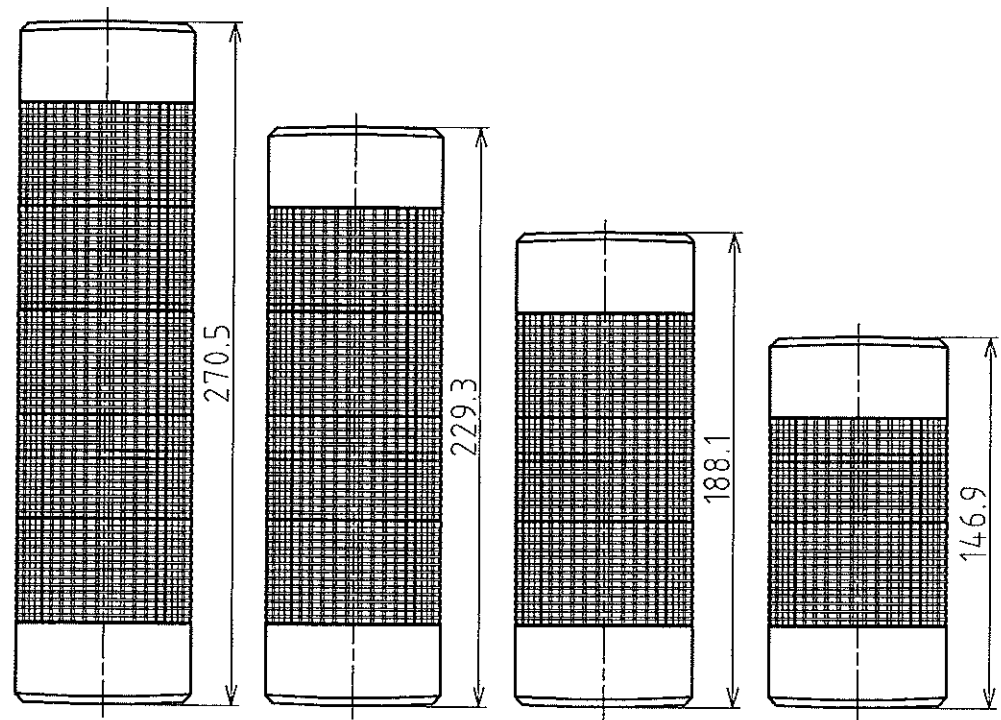
1. Make sure of that the end of unused wires are insulated by insulation tape or other insulating materials.
2. When installing the product, be sure to leave enough space (A) for screwdriver access as shown above.
3. Use "Class 2 circuit" for the power supply source.
4. The fuse or fuse folder should be certified by UL.
5. Rated current of fuse should be conformed to that of machine this product is installed.

(Example:Class J Type fuse)

6	Vinyl tube	-	1	Black
5	Wire bushing	-	1	Black
4	Metal fitting	-	1	SPCC,t=12,MFZn-C Yellow zinc
3	Bracket	-	1	ABS
2	LED unit assembly	-	Layers	LED color:Red,Amber,Green,Blue,White Lens:AS
1	Head cover	-	1	ABS
番号	部品名	品目コード	数量	材料 & 寸法 & 処理
No.	Part Name	Part No.	Qty.	Material & Size & Finish

設計 Dgn.by	製図 Drn.by	検図 Chk.by	承認 App.by	図名 Name	規格名 Model	特注No. S.P.No.
A.Ikeda	T.Okutani	J.Chikay	H.Kojima	Specifications	WME-02A	
25.Mar.2002	13.Oct.'06	17.Oct.'06	18.Oct.'06	Dimensions	品目コード Part No.	
三角法 3rd Angle P.	単位 Unit	mm	尺度 Scale	1:3	株式会社 パトライト PATLITE Corporation	図番 Drawing No.
						WME-.02A-A18E-2/2

指定公差		角度公差 ± [°]		寸法公差 ± [mm]		符号	年月日	訂正履歴		記印	検印	承認
General tolerance		Angular tolerance		Dimensional tolerance		Sym.	Date	Revisions		Sgn.	Chk.	App.
指定外公差	短辺長	~	~	~	~	△						
	Long side	10	50	100	~	△						
	精	1	0.5	0.3	0.1	中						
	粗	3	1.5	1	0.5	粗						



Model No. configuration

WME - □ M2 A - □ □ □ □ □

- Light style
- 1:1 Light
 - 2:2 Lights
 - 3:3 Lights
 - 4:4 Lights
 - 5:5 Lights
- Rated voltage
- M2:90V~250V AC

LED unit color

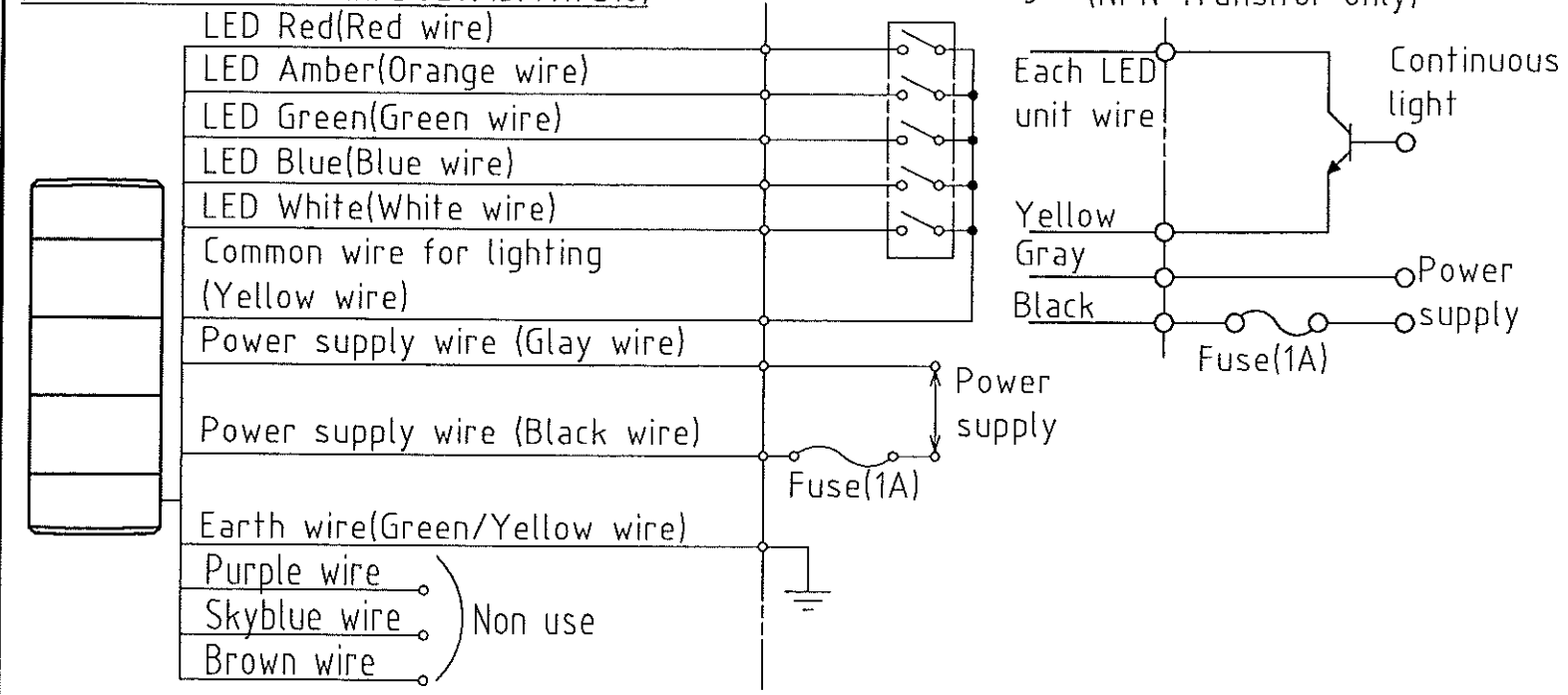
(R:Red/Y:Amber/G:Green/B:Blue/C:White)

* Lens color top to base as layers

Wiring example

(Signal wire:UL1007/AWG24)

(Power wire・Earth wire:UL1015/AWG18)

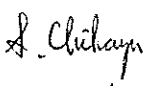


Note

1. Make sure of that the end of unused wires are insulated by insulation tape or other insulating materials.
2. When installing the product, be sure to leave enough space (A) for screwdriver access as shown above.
3. The fuse or fuse folder should be certified by UL.
4. Rated current of fuse should be conformed to that of machine this product is installed.

6	Vinyl tube	-	1		Black
5	Wire bushing	-	1		Black
4	Metal fitting	-	1	SPCC,t=1.2,MFZn-C Yellow zinc	
3	Bracket	-	1	ABS	Light gray
2	LED unit assembly	-	Layers	LED color:Red,Amber,Green,Blue,White Lens:AS	
1	Head cover	-	1	ABS	Light gray
番号	部品名	品目コード	数量	材料 & 寸法 & 処理	記事
No.	Part Name	Part No.	Qty.	Material & Size & Finish	Remarks
設計	製図	検図	承認	Specifications	
Dgn.by	Drn.by	Chk.by	App.by	Model	
A.Ikeda	Y.Nagayama			WME-□M2A	
16.Feb.'05	5.Mar.'08			品目コード Part No.	
三角法		単位	Unit	尺度	Scale
3rd Angle P.		mm		1:3	
株式会社		パトライト		図番 Drawing No.	
PATLITE Corporation				WME-.M2A-A18A(UL)-2/2	

S P E C I F I C A T I O N S

Model	5lights	WME - 5 0 2 A				
	4lights	WME - 4 0 2 A				
	3lights	WME - 3 0 2 A				
	2lights	WME - 2 0 2 A				
	1light	WME - 1 0 2 A				
Rated voltage		24V AC/DC (50/60Hz)				
Operating voltage		Rated voltage±10%				
Current consumption	Typ.	Per light				
		Red	Amber	Green	Blue	White
		22.6 mA	26.6 mA	17.5 mA	38.9 mA	38.9 mA
	Max.	26.1 mA	35.0 mA	24.6 mA	47.6 mA	47.6 mA
Operating temperature range (Relative humidity)		- 10 °C ~ + 55 °C (Less than 90%)				
Mounting place		Indoor only				
Mounting direction		Upright				
Protection rating		IP54				
Vibration proof		19.6 m/s ² (30Hz)				
Insulation resistance		• To be measured by an insulation measuring device of 500VDC between the terminals and the chassis. More than 1MΩ				
Dielectric voltage		• 500VAC being applied between the terminals and the chassis for 1 minute. Not breaking insulation				
Luminous intensity		Red	Amber	Green	Blue	White
		1000mcd	700mcd	1000mcd	300mcd	1000mcd
Mass(Tolerance:±10%)		1light	2lights	3lights	4lights	5lights
		0.31kg	0.39kg	0.47kg	0.55kg	0.63Kg
No. WME-. 0 2 A-A 1 8 E-1 / 2						
Remark						
● This product confirms to the CE requirements and CE Marking is indicated.						
● Recognized as UL standard. (Standard No.UL508, File No. E215660)						
● This product complies with the RoHS Directive(DIRECTIVE 2002/95/EC)						
PATLITE CORPORATION MAR. 10. 2008 RESEARCH & DEVELOPMENT DEPARTMENT						
PATLITE Corporation				App.by	Chk.by	Drn.by
				 18 Oct '06	 17 Oct '06	T.Okutani 13.Oct.'06

SPECIFICATIONS

Model	5lights	WME—5M2A					
	4lights	WME—4M2A					
	3lights	WME—3M2A					
	2lights	WME—2M2A					
	1light	WME—1M2A					
Rated voltage		90V~250VAC (50/60Hz)					
Operating voltage		Rated voltage±10%					
Power consumption		Per light					
			Red	Amber	Green	Blue	White
		AC100V	1.1W			1.5W	
		AC240V	1.4W			2.0W	
		Standby power consumption:0.6W					
Current consumption		Per light					
		Red	Amber	Green	Blue	White	
		Typ.	22.6 mA	26.6 mA	17.5 mA	38.9 mA	38.9 mA
	Max.	26.1 mA	35.0 mA	24.6 mA	47.6 mA	47.6 mA	
Operating temperature range (Relative humidity)		- 10℃ ~ + 55℃ (Less than 90%)					
Mounting place		Indoor only					
Mounting direction		Upright & sideways					
Protection rating		IP54					
Vibration proof		19.6 m/s ² (30Hz)					
Insulation resistance		To be measured by an insulation measuring device of 500VDC between the terminals and the chassis. More than 1MΩ					
Dielectric voltage		1500VAC being applied between the terminals and the chassis for 1 minute. Not braking insulation					
Luminous intensity		Red	Amber	Green	Blue	White	
		1000mcd	700mcd	1000mcd	300mcd	1000mcd	
Mass		1light	2lights	3lights	4lights	5lights	
		0.38Kg	0.46kg	0.54kg	0.62kg	0.70Kg	
No. WME—. M2A—A18A(UL)—1/2							
● This product confirms to the CE requirements and CE Marking is indicated. ● Recognized as UL standard. (Standard No.UL508, File No. E215660) ● The power consumption of one product is the value which added lights consumptionto standing by power consumption.							
PATLITE Corporation				App.by	Chk.by	Drn.by	
				<i>R/Z</i>		<i>W. Hoggan</i>	
				6 Mar '08		5 Mar '08	